

ABSTRACT

The present invention provides a polymer molecule, a monomeric structure and a polymeric structure comprising same, a related product, a preparation method, and uses. A polymer blocking the binding to a receptor is formed by means of the polymerization effect of the polymer molecule, thus effectively increasing the binding capability with respect to a virus. The polymer molecule is characterized in that: multiple binding-blocking molecular units used for blocking the binding between the virus and a cell receptor are polymerized into the polymeric structure.